

Welcome to Harlequin

TRIED, TESTED, TRUSTED.

In 1981, Clarehill Plastics Ltd pioneered the development of environmentally preferred, rotationally moulded, storage containers under the Harlequin brand.

Today the company is firmly established as a European leader in the manufacture of tanks for the safe, secure and environmentally responsible storage of agricultural fuel oil, biodiesel, diesel, heating oil, non potable water, potable water, adblue and speciality chemicals.

All Harlequin products benefit from being manufactured in one of Europe's most modern storage tank production facilities and are a result of three decades' experience in the design, development and manufacture of rotationally moulded environmental tanks.

With one of the widest ranges available on the market today, wherever and whatever the installation, there is always a Harlequin to suit.

A better choice...

Today's Harlequin heating oil tank range consists of no fewer than 3 different colourways, 17 different products and 56 different models. With a choice of capacities available from c. 350 litres, to c. 10,000 litres, Harlequin heating oil tanks are the preferred choice for thousands of heating oil professionals across Europe.

All Harlequin products are manufactured in an ISO 9001, ISO14001, OHSAS18001 and Investors in People accredited production facility. They each benefit from the very latest production technology and unrivalled experience within the rotationally moulded storage tank industry.

Harlequin actively supports the use of environmentally banded tank options in all installations and as an environmentally conscious manufacturer, actively participates in the ERA (Environmental Risk Assessment) labelling scheme. This means that each Harlequin tank is labelled on a scale of 1 to 10, according to their individual safety features. A tank with a score of 1 is considered a low-risk option, whereas a tank scoring 10 is considered a high-risk option. Each (top outlet) ENV tank within the Harlequin Banded Advance range has an ERA rating of 1 - the highest achievable score on the market.



Making Life Easy

INTRODUCING... HARLEQUIN PRO APP FOR IPHONE

New to Harlequin iPhone/iPad and iTouch users, Harlequin Pro offers installers a convenient and easy to use tool for installing oil tanks anywhere in the UK or Ireland, where a risk assessment (OFTEC T/133) needs to be carried out first ⁽¹⁾.

With Harlequin Pro, there's no need to carry paper copies of your risk assessment form and better again, no more discovering that you don't have one when you get to site! This handy app allows you to complete the form digitally and email a completed copy when finished. No more lost paperwork, no more lost time!

Please note that all oil tank installations should only be carried out by an OFTEC registered technician or similarly competent person.

Introducing Tankmark

COMPLETE PEACE OF MIND FOR DOMESTIC AND COMMERCIAL OIL TANK INSTALLATIONS

Brought to you by Harlequin, Tankmark is an online network of oil storage tank installers, who can offer customers the complete oil storage tank replacement service at domestic, agricultural, commercial, industrial and institutional storage installations nationwide.

By becoming a Tankmark registered installer or technician, you not only offer your customers additional peace of mind in receiving Tankmark approved products and services, but you can also stay ahead of the competition by benefitting from Tankmark's website referral service, whereby Tankmark users searching for an installer in your area will automatically be directed to your company.

There are Tankmark installers throughout the United Kingdom. Each installer is locally owned and managed and has been independently accredited as competent in the installation of fuel, oil and liquid storage tanks.

For more information on becoming a Tankmark registered installer or technician, visit www.tankmark.org.uk



⁽¹⁾ Clarehill Plastics Ltd accepts no responsibility for errors made as a result of this application form being completed incorrectly.

Choosing a Harlequin Oil Tank

When choosing a Harlequin Bunded Oil Tank, you should consider the following:

- **Type of tank** – Basic, Basic Plus or Advanced? (See tank descriptions below for more information)
- **Type of outlet** – top offtake ⁽¹⁾ or bottom outlet? (A top offtake is the environmentally preferred option)
- **Tank shape and capacity** – consider the size of the property to be heated, the level of heating required by the customer and the frequency of past orders.



Harlequin Basic (BCT-NG)

This is an entry level range and comes in a variety of capacities from c. 1000 litres to c. 2,500 litres. Fully compliant with all applicable fuel storage requirements and suitable for the storage of heating oil, each model within the range can also benefit from a choice of extra fuel storage accessories upon request.

All Harlequin Basic Bunded Oil Tanks are supplied with:

- 32mm drilled and plugged gauging hole
- 2" lockable fill point
- 4" lockable inspection point
- Lockable manhole access
- 1" BSP ⁽¹⁾ outlet connection
- Vent
- Contents Dipstick
- LRC failsafe overfill prevention probe



Harlequin Basic Plus (BCT)

An evolved range, Harlequin Basic Plus Bunded Oil Tanks combine the benefits of a Basic tank, whilst also offering the added value of an electronic gauge, as standard. This range is fully compliant with all relevant and applicable fuel storage requirements and is suitable for the storage of heating oil.

All Harlequin Basic Plus Bunded Oil Tanks are supplied with:

- 32mm electronic contents gauge and fitting point
- Bottom outlet fitting kit
- 2" lockable fill point
- 4" lockable inspection point
- LRC failsafe overfill prevention probe
- Lockable manhole access
- 1" BSP ⁽¹⁾ outlet connection
- Vent
- Contents Dipstick



Harlequin Advance Bunded Oil Tanks (BND/ENV)

The advance range incorporates the latest in fuel storage technology and is available in a range of capacities, from c. 350 litres to c. 10,000 litres. Choose from a bottom outlet model (BND), or an environmentally preferred top outlet model (ENV).

All Harlequin Advance Bunded Oil Tanks are supplied with:

- 2" lockable fill point ⁽⁴⁾
- 4" lockable inspection point
- Lockable manhole access
- Vent
- Contents dipstick on all models below 3,000 litres
- LRC failsafe overfill prevention probe ⁽⁴⁾
- Bund spillage detector ⁽³⁾⁽⁴⁾
- Electronic oil tank contents gauge ⁽⁴⁾
- Spinsecure Lock ⁽²⁾

⁽¹⁾ Top offtake tanks cannot be used in conjunction with an AGA cooker or similar, as these require gravity feed

⁽²⁾ Supplied on all models except 350BND/ENV

⁽³⁾ Extra cost option in Northern Ireland, Isle of Man and Republic of Ireland on all tanks below 3,000 litres. Standard on all tanks over 3,500 litres

⁽⁴⁾ Extra cost option on 350BND/ENV

Harlequin Oil Tanks

A BETTER RANGE... A BETTER CHOICE



350 BND/ENV



650 BND/ENV



1000 BCT-NG/BCT/BND/ENV



1100 BCT-NG/BCT/BND/ENV



1200 BND/ENV



1300 BCT-NG/BCT/BND/ENV

Harlequin Oil Tanks

A BETTER RANGE... A BETTER CHOICE



1400 BCT-NG/BCT/BND/ENV



1450 BCT-NG/BCT/BND/ENV



10000 BND/ENV



2000 BCT-NG/BCT/BND/ENV



2500 BCT-NG/BCT/BND/ENV

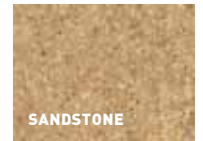


3500 BND/ENV



5400 BND/ENV

Exclusive to Harlequin, **POLYROCK™** Bunded Plastic Oil Tanks are available in a choice of either granite or sandstone effects. This range of tanks has been designed to offer customers a stylish alternative to standard tank colours and is available in capacities ranging from 1,000 to 2,000 litres. Available in top or bottom outlet options.



Harlequin Water Tanks

WATER STORAGE SOLUTIONS FOR ANY ENVIRONMENT



Harlequin offer a variety of potable and non-potable water tanks as part of its extensive tank range. All potable water tanks have been approved in the United Kingdom by the Water Regulations Advisory Scheme (WRAS).

PLEASE NOTE: Images not to scale.



Potable Water Tanks

Harlequin Potable Water Tanks have been deemed as fit to store water for human consumption and are manufactured from a specially approved grade of polymer. These tanks can be used in a range of environments and are commonly used as intermediate storage vessels between a well or borehole and the house, where it is not connected to mains water. They can also be used as break tanks where mains pressure is low. All potable water tank fittings have been tested and approved by WRAS.

Potable water tanks are supplied with:

- 1" fitting on 1100L, 1450L & 2500L models, 2" fitting on 3900L, 5400L & 10000L models.
- Isolation valve (suitable for 32mm standard pipe on 1" outlets and 63mm standard pipe on 2" outlets)
- 400mm Manhole access lid (300mm manhole access lid supplied on 1100L & 1450L models)
- Filter basket
- Byelaw 30 kit (consisting of screened tank vent & overflow)



Non Potable Water Tanks

Manufactured from a specialist grade of polymer, Harlequin non-potable water tanks are designed for the storage of water which is not intended for human consumption. These tanks are ideal for installations at agricultural, industrial and commercial premises where water can be stored or processed for a range of tasks.

Non Potable water tanks are supplied with:

- PVC outlet (contains BSP male thread)
- 1" fitting on 1100L, 1450L & 2500L models, 2" fitting on 3900L, 5400L & 10000L models.
- 400mm Manhole access lid (300mm manhole access lid supplied on 1100L & 1450L models)
- Filter basket

Tank	BRIMFUL CAPACITY (LITRES)	LENGTH (MM)	WIDTH (MM)	DIAMETER (MM)	HEIGHT (MM)	WEIGHT (KG)
1100SL	1,095	1,650	690	-	1,420	60
1450VT	1,480	-	-	1,350	1,260	45
2500VT	2,580	-	-	1,700	1,370	65
3900VT	3,929	-	-	2,020	1,420	120
5400VT	5,307	-	-	2,020	1,920	150
10000VT	10,100	-	-	2,260	3,200	250



1100SL



1450VT



2500VT



3900VT



5400VT



10000VT

Harlequin Accessories

ALL HARLEQUIN TANKS CAN BE SUPPLIED WITH A RANGE OF ADDED-VALUE ACCESSORIES.



The Apollo Electronic Oil Tank Contents Gauge allows you to measure the level of fuel in your tank from the warmth, comfort and convenience of your home.

The Apollo's ultrasonic transmitter unit determines the level of fuel remaining inside the tank and relays this data to the receiver unit, which cleverly and conveniently plugs into a standard electrical wall socket. Apollo is the original ultrasonic tank contents gauge and has been tried, tested and trusted at thousands of oil and liquid storage installations worldwide. Beware of imitations!

The Cim-Tek Tank Dryer is a water filtration device which sits at the bottom of your oil tank, removing any water from the source. The Tank Dryer is made from super absorbent polymer and visibly swells once water is absorbed.

The presence of water in heating oil tanks is a common problem and can simply be caused by condensation formed in day to day climate changes. However, water in your oil tank may also be an indication that there is a costly and environmentally hazardous leak within the tank, which can not only seriously reduce your heating efficiency, but can also result in a costly clean-up process.

All Harlequin Bunded Tanks are supplied complete with failsafe protection against overfills via the factory fitted LRC Probe.

When connected to the LRC Drivers' Unit, the system allows delivery personnel to control refuelling from the tank. Unlike old-fashioned mechanical overfill prevention valves, in the event of system failure the supply of fuel is discontinued automatically. Exceeds all applicable overfill prevention requirements and is fully compliant with EN13616.

All Harlequin Bunded Tanks can be supplied complete with a Bund Spillage Detector.

This clever 9v battery powered device allows you to check for the presence of liquid inside the bunded area on demand e.g. as a result of condensation, tank leaks, or in case of an overfill. This allows you to make timely arrangements for the removal of any surplus liquid from the bunded area, thereby maintaining the integrity of your tank. Check Product Specifications to confirm availability in your area.

For quicker, easier installation... all Harlequin Bottom Outlet Bunded Tanks can be supplied complete with a Tank Fitting Kit.

The Kit comprises a 1"/0.5" Reducer, Filter / Valve; PTFE Tape and Liquid Sealant... everything you need for a standard bottom outlet installation in a single, handy pack! Supplied as standard with all Harlequin Advance (except 350BND) and Polyrock bunded bottom outlet tanks.

The Tiger Loop De-Aerator removes residual air from heating oil, when used at installations incorporating a pressure jet burner.

The result is a cleaner, more efficient burn; reduced soot accumulation; enhanced operating reliability; and reduced fuel consumption. Available as an option on all Harlequin Tanks. Suitable for use with all Harlequin Oil Tanks and recommended for use with all Harlequin Top Outlet Bunded Tanks.

Harlequin Security

Buy Smart, Be Safe

NEW! Now offering the revolutionary Spinsecure Lock

Making Harlequin tanks the most secure on the market, Harlequin BND/ENV tanks now come complete with a revolutionary Spinsecure Lock security device as standard. This unique feature acts as a safety lock on the tank's manhole access lid and prevents anyone other than a keyholder gaining access.

Using a magnetic key system, the lock, much like a tap, will spin freely when secured. This makes it almost impossible to remove. Access to the tank can only be gained by using one of the two magnetic keys supplied with your Spinsecure pack - meaning that your heating oil will never be more secure than when stored in a Harlequin Tank!

NEW! Featuring the Yale Alarm Lock

At a time when homeowners are being urged to be more vigilant in protecting their home heating oil supplies, tank security has never been more important. At Harlequin, we recognise this, which is why all tanks can now benefit from the brand NEW Yale Alarm Lock. Available as an optional extra on every tank within the range, this high security, small and portable lock triggers a 100db alarm when the cable is cut or the lock is attacked. A motion sensor can also be set, which will sound the alarm in the event of the lock being disturbed.

FEATURES:

- Retractable cable up to 60cm
- Combination lock (can be set to user's own personal code)
- 100 db Alarm
- Can be supplied as an extra cost option on all tanks



Harlequin Security Pack

Offering you maximum tank security and full peace of mind, Harlequin Security Packs combine the high security features of both the Yale Alarm Lock, and the Spinsecure Lock. The Spinsecure Lock provides optimum security for the outside of your tank at the point of the manhole, while the Yale Alarm Lock acts as a double security feature, protecting your tank from the inside and securing its fill and inspection points from intruders. The Harlequin Security Pack also comes with a high visibility warning sticker for your tank, deterring any unwelcome visitors and making them aware of your tank's high security features!

Harlequin Bunded Tank Lock Pack

All Harlequin tanks can be supplied with a Lock Pack, consisting of 3 combination locks which can secure the access, fill and manhole points. The Lock Pack has been specially selected by Harlequin to ensure full compatibility with Harlequin products, for optimum ease of use and installation.



Harlequin Quick Reference Guide

TANK DIMENSIONS

Tank	CAPACITY (LITRES)	LENGTH (MM)	WIDTH (MM)	DIAMETER (MM)	HEIGHT (MM)	WEIGHT (KG)
350BND/ENV	333	-	-	980	1,155	45
650BND/ENV	645	1,715	670	-	1,335	105
1000BCT-NG/BCT/BND/ENV	1,003	2,150	710	-	1,420	130
1100BCT-NG/BCT/BND/ENV	1,040	1,880	890	-	1,595	132
1200BND/ENV	1,251	1,900	1,600	-	950	125
1300BCT-NG/BCT/BND/ENV	1,335	2,100	950	-	1,540	160
1400BCT-NG/BCT/BND/ENV	1,380	1,900	1,250	-	1,420	130
1450BCT-NG/BCT/BND/ENV	1,413	-	-	1,540	1,590	105
2000BCT-NG/BCT/BND/ENV	2,005	2,360	1,320	-	1,415	180
2500BCT-NG/BCT/BND/ENV	2,442	2,460	1,435	-	1,470	210
3500BND/ENV	3,297	2,450	1,770	-	1,890	260
5400BND/ENV	5,042	-	-	2,575	2,125	325
10000BND/ENV	9,595	3,250	2,800	-	3,350	725

KEY

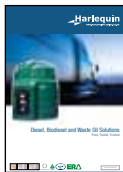
- BCT-NG (Basic)
- BCT (Basic Plus)
- BND/ENV (Advance)

INSTALLATION REQUIREMENTS

All products must be installed and maintained by a suitably competent person in accordance with the requirements of:

- British Standard BS5410
- OFTEC Technical Instruction Book 3
- Supplied instructions
- All prevailing statutory requirements (Building & Environmental Regulations for example)

ALSO AVAILABLE:



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